

P.E 150 CKET NO.: 03AB014C/ALBRP303USC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In repatent application of

App.	licant:

David D. Brandt et al.

Serial No.:

10/661,696

Filed: For:

September 12, 2003

SYSTEM AND METHODOLOGY PROVIDING AUTOMATION SECURITY ANALYSIS,

VALIDATION, AND LEARNING IN AN INDUSTRIAL CONTROLLER ENVIRONMENT

Art Unit: Examiner:

2131 Unknown

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

except f	nts, publi or: (a) po nis applic	t to 37 C.F.R. §1.97 and §1.98, and in compliance with 37 C.F.R. §1.56, the Office's attention is directed to cations and other information listed on the attached PTO-1449. A copy of each listed document is enclosed ending applications; (b) those previously cited or submitted to the Office in the following application(s) upon ation relies for an earlier filing date under 35 U.S.C. §120; and/or (c) U.S. Patent(s) and published
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Applica	nt(s) beli	ocument, publication or other information for which a date is not given on the attached PTO-1449, eve(s) the same may qualify as "prior" art to this application and should be treated accordingly, although rve(s) the right to contest the prior art status of any document, publication or information, should issue arise.
	ement as	ng each listed document that is not in the English language, an English-language translation accompanies indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in cument(s):
	(a) 🗌	Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
	(b)	Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".
3.	Pursuan	t to 37 C.F.R. §1.97(b) this Statement is being filed (one must be checked):
	(a) 🗌	Within 3 months of the filing date or date of entry into the National Stage.
	(b) 🔀	Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 50-1063 for consideration of this Statement.
	(c) 🗌	Before the mailing date of an Office Action after the filing of a request for continued examination under 1.114.

	(d) 🗌	After the period set forth in 37 C.F.R. §1.97(b) but before the mailing date of either a final action or a notice of allowance.
		(1) The required certification is given below, or
		(2) Regarding the fee set forth in 37 C.F.R. §1.17(p) for consideration of this Statement:
		(i) Enclosed is a check covering the fee;
		(ii) Charge the fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 50-1063; or
		(iii) Enclosed is a credit card payment form covering the fee.
	(e) 🗌	After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below Regarding the fee set forth in 37 C.F.R. §1.17(i)(1) for consideration of this Statement:
		(1) Enclosed is a check covering the fee;
		(2) Charge the fee set forth in 37 C.F.R. §1.17(i)(1) to Deposit Account No. 50-1063; or
		(3) Enclosed is a credit card payment form covering the fee.
4.	Certific	ation (if applicable)
	(a)	The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.
	(b) 🗌	The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than 3 months prior to the filing of this Statement.
5.	The Cor No. 50-	mmissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account 1063.
		Respectfully Submitted,
		By Address Formal Sadlowski Reg. No. 47,914
24 TH Fl 1900 Ea Clevela	t Turocy, oor, Natio ast 9 th Str nd, Ohio 96-8730	onal City Center eet
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12-70-2005 Date

Jefffey R. Sadlowsk

PTO/SB/08a (08-03) Approved for use through 07/31/2006. OMB 0651-0031

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

 Complete if Known

 Application Number
 10/661,696

 Filing Date
 September 12, 2003

 First Named Inventor
 David D. Brandt

 Art Unit
 2131

 Examiner Name
 Unknown

 Attorney Docket Number
 03AB014C/ALBRP303USC

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6,298,445 B1	10-02-2001	Adam Shostack et al.	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T _e	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for fo	orm 1449B/PTO				Complete if Known	1
SUPPL	EMENTAL			Application Number	10/661,696	
INFOR	MATION DI	SCLO	SURE	Filing Date	September 12, 2003	
STATEMENT BY APPLICANT				First Named Inventor	David D. Brandt	·
			٦	Art Unit	2131	
(Use as many sheets as necessary)				Examiner Name	Unknown	
Sheet	2	of	2	Attorney Docket Number	03AB014C/ALBRP303USC	

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	This is I Gille I am a contract the contract of the contract o					
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		H.S. TENG et al., Adaptive Real-Time Anomaly Detection Using Inductively Generated Sequential Patterns, Proceedings of the Symposium on Research in Security and Privacy, Oakland, May 7-9, 1990, pages 278-284, Los Alamitos, IEEE Comp. Soc. Press, US.				
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		VERANO, Defender Watches Over Industrial Control Networks, August 10, 2003, 2 pages, retrived from the Internet: URL: http://web.archive.org/web/20030810201511/http://www.engineeringtalk.com/news/vra/vra102.html.				
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¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.